

**National Institutes of Health Office of Disease Prevention
Evidence-based Methodology Workshop on Polycystic Ovary Syndrome**

December 3–5, 2012

Agenda

Monday, December 3, 2012

Bethesda Marriott

5151 Pooks Hill Road

Bethesda, Maryland 20814

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|------------------|---|
| 5:00 p.m. | Registration Opens |
| 6:30 p.m. | Workshop Overview
<i>Louis V. DePaolo, Ph.D.</i>
Chief
Fertility and Infertility Branch
<i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human
Development
National Institutes of Health |
| 6:45 p.m. | Welcome
<i>David M. Murray, Ph.D.</i>
Associate Director for Prevention
Director, Office of Disease Prevention
Office of the Director
National Institutes of Health |
| 7:00 p.m. | Overview of the Literature Search Methodology
<i>Nancy Terry, M.L.S.</i>
Biomedical Research Librarian/Informationist
National Institutes of Health Library
Division of Library Services
Office of Research Services
Office of the Director
National Institutes of Health |
| 7:30 p.m. | Facilitated Panel and Audience Discussion
<i>Moderator:</i> <i>Paris A. Watson</i> |
| 8:30 p.m. | Wrap-up, Day 1 |
| 9:00 p.m. | Adjourn, Day 1 |

Tuesday, December 4, 2012

*Natcher Conference Center
Building 45, Main Auditorium
National Institutes of Health
Bethesda, Maryland 20892*

- 7:00 a.m. Registration Opens**
- 8:00 a.m. Opening Remarks**
Yvonne T. Maddox, Ph.D.
Deputy Director
Eunice Kennedy Shriver National Institute of Child Health and Human
Development
National Institutes of Health
- 8:10 a.m. Session 1: Diagnostic Criteria Used for Polycystic Ovary Syndrome (PCOS)**
Moderator: Andrea Dunaif, M.D.
Discussion of the Three Diagnostic Criteria
Andrea Dunaif, M.D.
Charles F. Kettering Professor of Endocrinology and Metabolism
Vice Chair for Research
Department of Medicine
Northwestern University Feinberg School of Medicine
- 8:30 a.m. The 2003 Rotterdam Consensus Criteria Put in Perspective**
Bart C.J.M. Fauser, M.D., Ph.D.
Professor of Reproductive Medicine
Utrecht Life Sciences
University Medical Center
- 8:50 a.m. The 2006 Androgen Excess and PCOS Society Criteria for PCOS: The Critical Importance of Androgenization**
Ricardo Azziz, M.D., M.P.H., M.B.A.
Professor
Obstetrics, Gynecology, and Medicine
President
Georgia Health Sciences University
Chief Executive Officer
Georgia Health Sciences Health System
- 9:10 a.m. The Impact of Assay Quality and Reference Range on Clinical Decision-Making in Patients With Androgen Disorders**
Shalender Bhasin, M.D.
Professor of Medicine
Boston University School of Medicine
Chief
Section of Endocrinology, Diabetes, and Nutrition
Director
Boston Claude D. Pepper Older Americans Independence Center
Boston Medical Center

Tuesday, December 4, 2012 (*continued*)

- 9:30 a.m. Age at Diagnosis**
Sharon E. Oberfield, M.D.
Professor of Pediatrics and Director
Division of Pediatric Endocrinology, Diabetes, and Metabolism
Columbia University Medical Center
- 9:50 a.m. Epidemiology of PCOS**
PonJola Coney, M.D.
Senior Associate Dean for Faculty Affairs
Virginia Commonwealth University School of Medicine
- 10:10 a.m. Facilitated Panel and Audience Discussion**
- 12:30 p.m. Lunch—Panel Meets in Executive Session**
- 1:30 p.m. Session 2: Developmental or Genetic Origins of PCOS**
Moderator: R. Jeffrey Chang, M.D.
Intrauterine Environment
Daniel Dumesic, M.D.
Division Chief and Professor, Reproductive Endocrinology and Infertility
Department of Obstetrics and Gynecology
University of California, Los Angeles
- 1:50 p.m. Role of Postnatal Androgen Exposure**
John C. Marshall, M.B.Ch.B., M.D.
Director
Center for Research in Reproduction
University of Virginia School of Medicine
- 2:10 p.m. Early Hormonal Abnormalities in Children Born to Mothers With PCOS**
Teresa Sir-Petermann, M.D.
Professor
Laboratory of Endocrinology and Metabolism, West Division
University of Chile School of Medicine
- 2:30 p.m. Ovarian Morphology**
Marcelle I. Cedars, M.D.
Professor and Director
Division of Reproductive Endocrinology
University of California, San Francisco
- 2:50 p.m. Role of Obesity Prior to Puberty**
R. Jeffrey Chang, M.D.
Professor and Director
Division of Reproductive Endocrinology
Department of Reproductive Medicine
University of California, San Diego School of Medicine
- 3:10 p.m. Break**

Tuesday, December 4, 2012 (*continued*)

- 3:30 p.m. Epigenetic Nonhuman Primate Model Demonstrates Metabolic Antecedents to PCOS-Like Traits**
David H. Abbott, Ph.D.
Professor
Department of Obstetrics and Gynecology
Wisconsin National Primate Research Center
University of Wisconsin
- 3:50 p.m. Androgen Effects on the Central Circuits Affecting Fertility**
Sue Moenter, Ph.D., M.S.
Professor
Departments of Molecular and Integrative Physiology, Internal Medicine, and Obstetrics and Gynecology
University of Michigan School of Medicine
- 4:10 p.m. Developmental Programming of PCOS Phenotype: Impact of Maternal/Fetal Environment**
Vasantha Padmanabhan, Ph.D.
Professor
Departments of Pediatrics, Obstetrics and Gynecology, Molecular and Integrative Physiology, and Environmental Health Sciences
University of Michigan School of Medicine
- 4:30 p.m. Genetics**
Margrit Urbanek, Ph.D.
Associate Professor
Division of Endocrinology
Department of Medicine
Northwestern University Feinberg School of Medicine
- 4:50 p.m. Genome-Wide Association Studies: Predisposition to Comorbidities**
Jose C. Florez, M.D., Ph.D.
Assistant Physician in Endocrinology
Center for Human Genetic Research Diabetes Unit
Massachusetts General Hospital
Associate Professor
Harvard Medical School
Associate Member
Broad Institute
- 5:10 p.m. Facilitated Panel and Audience Discussion**
- 6:15 p.m. Wrap-up, Day 2**
- 6:30 p.m. Adjourn, Day 2**

Wednesday, December 5, 2012

*Natcher Conference Center
Building 45, Main Auditorium
National Institutes of Health
Bethesda, Maryland 20892*

8:00 a.m. Registration Opens

8:30 a.m. Session 3: Long-Term Health Consequences of PCOS

***Moderator:* Adrian S. Dobs, M.D., M.H.S.**

Type 2 Diabetes and Prediabetes in Women With PCOS

Adrian S. Dobs, M.D., M.H.S.

Professor of Medicine and Oncology

Division of Endocrinology and Metabolism

The Johns Hopkins University School of Medicine

8:50 a.m. Cardiovascular Disease

Evelyn O. Talbott, Dr.P.H., M.P.H.

Professor

Department of Epidemiology

Program Director

Environmental Epidemiology Program

Graduate School of Public Health

University of Pittsburgh

9:10 a.m. Obstructive Sleep Apnea in PCOS: Causes and Consequences

David A. Ehrmann, M.D.

Professor of Medicine and Associate Director

University of Chicago Clinical Research Center

Director

Center for Polycystic Ovary Syndrome

University of Chicago Medical Center

9:30 a.m. Endometrial and Other Cancers

Kurt T. Barnhart, M.D., M.S.C.E.

William Shippen, Jr. Professor of Obstetrics and Gynecology and
Epidemiology

Director

Women's Health Clinical Research Center

Division of Reproductive Endocrinology and Infertility

University of Pennsylvania Medical Center

9:50 a.m. Break

Wednesday, December 5, 2012 (*continued*)

- 10:10 a.m. Nonalcoholic Fatty Liver Disease**
Silva Arslanian, M.D.
Chief
Weight Management and Wellness Center
Director
Pediatric Clinical and Translational Research Center
University of Pittsburgh Medical Center (UPMC) Richard L. Day
Endowed Chair in Pediatrics
Professor of Pediatrics
University of Pittsburgh School of Medicine
Children's Hospital of Pittsburgh of UPMC
- 10:30 a.m. Mental Health**
Natalie Rasgon, M.D., Ph.D.
Professor
Department of Psychiatry and Behavioral Sciences
Stanford Center for Neuroscience in Women's Health
Stanford University School of Medicine
- 10:50 a.m. Menopause in Women With PCOS**
Rogerio A. Lobo, M.D.
Professor of Obstetrics and Gynecology
Columbia University College of Physicians and Surgeons
- 11:10 a.m. Facilitated Panel and Audience Discussion**
- 12:30 p.m. Lunch—Panel Meets in Executive Session**
- 1:30 p.m. Session 4: Optimal Management Strategies for the Reproductive and Metabolic Consequences of PCOS**
Moderator: Rogerio A. Lobo, M.D.
Strategies for Management of Metabolic Phenotypes
Stephen Franks, M.D., FRCP, FMedSci
Professor
Institute of Reproductive and Developmental Biology
Imperial College London
Hammersmith Hospital
- 1:50 p.m. Strategies for Management of Reproductive and Metabolic Consequences of PCOS**
Richard S. Legro, M.D., FACOG
Professor of Obstetrics and Gynecology
College of Medicine
Milton S. Hershey Medical Center
Hershey Obstetrics and Gynecology
The Pennsylvania State University

Wednesday, December 5, 2012 (*continued*)

- 2:10 p.m. Pregnancy and Its Outcomes**
Adam Balen, M.B.B.S., M.D., D.Sc., FRCOG
Consultant Obstetrician and Gynaecologist and Subspecialist in
Reproductive Medicine
Honorary Professor of Reproductive Medicine and Surgery
Leeds General Infirmary and St. James's University Hospital
The Leeds Teaching Hospitals NHS Trust
University of Leeds
- 2:30 p.m. Role of Prevention and Lifestyle Strategies**
Robert Norman, M.D.
Director
Robinson Institute
Faculty of Health Sciences
University of Adelaide
- 2:50 p.m. Role of Family Screening**
Okan Bülent Yildiz, M.D.
Professor
Department of Internal Medicine
Endocrinology and Metabolism Unit
Hacettepe University School of Medicine
- 3:10 p.m. Facilitated Panel and Audience Discussion**
- 4:10 p.m. Final Points by Speakers, Panel, Audience**
- 5:30 p.m. Workshop Wrap-up**
- 6:30 p.m. Adjourn Workshop**